APPENDIX II

LIST OF AGRICULTURALISTS BY PROVINCE

PROVINCE	NUMBER OF PEOPLE	(%)
BADAKSHAN	1	0.07
BAGHLAN	50	3.62
BALKH	17	1.23
BAMYAN	5	0.36
FARAH	4	0.29
GHAZNI	24	1.74
HELMAND	120	8.68
HERAT	1	0.07
JOZJAN	3	0.22
KABUL	125	9.05
KANDAHAR	39	2.82
KAPISA	6	0.43
KONAR	95	6.87
KUNDUZ	32	2.31
LAGHMAN	96	6.94
LOGAR	105	7.59
NANGARHAR	470	33.98
PAKTIA	117	8.46
PAKTIKA	7	0.51
PARWAN	19	1.37
SAMANGAN	6	0.43
TAKHAR	4	0.29
URUZGAN	2	0.14
WARDAK	35	2.53
TOTAL ===========	1383	100.00

APPENDIX III

AGRICULTURALISTS EMPLOYED IN AID COMMUNITY

APPENDIX III

AGRICULTURALISTS EMPLOYED IN AID COMMUNITY

Organizations	Number of People
1. Teachers (different organizations)	159
2. Political Parties	64
3. International Rescue Committee (IRC)	5
4. Swedish Committee for Afghanistan (SCA)	5
5. Shelter Now International (SNI)	4
6. Human Concern International (HCI)	3
7. Salvation Army	1
8. Save the Children (SCF) U.K	3
9. German Technical Services (GTZ)	2
10. UNHCR	4
11. health services (different organizations)	23
TOTAL ====================	273

APPENDIX IV

AGRICULTURAL TRAINING INSTITUTES IN AFGHANISTAN

APPENDIX IV

AGRICULTURAL TRAINING INSTITUTES OF AFGHANISTAN

1. Agricultural College of Kabul
   (Faculty of Agriculture, Kabul University)

Established in 1956, this college is considered one of the most important training institutes in agricultural field.

At first, students graduated in general agriculture, but the college later established three main departments:

- Plant science
- Animal science and
- Agriculture economics and extension

In the mid-eighties the college expanded to six departments. After two years of general agriculture, students could specialize for a further two years in the following:

- Crop science
- Soil science and irrigation
- Plant protection
- Horticulture and forestry
- Animal science
- Agriculture economics, extension and planning.

A few students have also graduated in the fields of farm mechanization and agricultural education.

The Agricultural College of Kabul offers also MSc's in the fields of horticulture and soil science.

2. Agricultural College of Nangarhar

Established in 1978 this college offered specialized training with a duration of four years, based on experience from the Agricultural College in Kabul, in four departments:

- Plant science
- Animal science
- Horticulture and
- Agriculture economics

The department of agriculture economics was later transfered to the Economic College of Nangarhar University and the other three departments remained the three basic sectors of the Agricultural college.

3. <u>Agricultural Colleges of Mazar-i-Sharif and Herat</u>

In 1988 an agricultural college was officially inaugurated in Mazar-i-Sharif.

In 1988 the Government also announced the establishment of an agricultural college in Herat for 1989 which did not materialize.

4. <u>Faculty of Veterinary Medicine, Kabul University</u>

Established in 1974 the faculty offered a diploma course in general veterinary medicine in five of the following fields:

- Para clinic
- Clinic
- Extension
- Animal husbandry and
- Food technology.

This college offers also MSC programs in the field of Para clinic and Food technology.

5. <u>Agricultural Institute, Kabul</u>

Established in 1976 the institute offers training in three major fields:

- Forestry
- Agricultural cooperatives and
- Veterinary science

It was first established in form of a veterinary high school and then changed into an institute for higher agricultural education with a duration of five semesters (two and half years).

Students enrolled into the institute as well as in the agricultural colleges need to be graduates of the agricultural high schools as well as other high schools.

6. <u>Agricultural High Schools</u>

Established in 1943, Kabul's Agricultural High School is the first and oldest training school in agriculture in Afghanistan.

The need for agricultural training and the success of the High School in Kabul led to the establishment of a number of high schools in other provinces:

- Baghlan in 1960
- Kabul Agriculture High School moved to Helmand in 1966
- Herat in 1970
- Farah in 1973
- Nangarhar in 1976

- Mazar-i-Sharif in 1977 and
- Faryab in 1977

The agricultural high schools initially offered general agriculture and later allowed specialisation in various departments:

- Plant science
- Animal science
- Agro-economics and
- Horticulture and forestry

Students enrolled in these schools were graduates of the "middle schools", i.e. grade 9, and studied for three years at the agricultural high schools.

APPENDIX V

SURVEY DATA

The following is a compilation of data organized alhabeticaly by province in Afghanistan. A total of 24 provinces are represented.

The survey questions are listed in Appendix I. Interviewees were asked to give institute name, their qualifications, major field of study and years of experience working in Afghanistan.

A list of code abbreviations follows.

LIST OF ABBREVIATION CODES

INSTITUTE NAME	CODES
AGRICULTURAL COLLEGE	AGCL
AGRICULTURE HIGH SCHOOL	AGHI
AGRICULTURE INSTITUTE	AGIN
AGRICULTURE UNIVERSITY OF D.I KHAN	AG.UN.D.I KHAN
AGRICULTURE UNIVERSITY OF TAJEKESTAN	AG.UN.TAJ.
AGRICULTURE UNIVERSITY OF TEHRAN	AG.UN.TEH.
AGRICULTURE UNIVERSITY OF VIENNA	AG.UN.VIE.
MINISTRY OF AGRICULTURE	MOAG
NANGARHAR PROJECT	NANGPR
PAKTIA PROJECT	PAKPR
UNKNOWN INSTITUTE	NILL
VETERINARY HIGH SCHOOL	VETHI
VETERINARY MED. COLLEGE	VETMECL

QUALIFICATION

MASTER OF SCIENCE	MSC
BACHELOR OF SCIENCE	BSC
14th GRADE	14 GRA
BACCALAUREATE	BACCA
INCOMPLETE STUDIES	INC
NO DEGREE	NODEG

MAJOR FIELDS OF STUDY

AGRICULTURE COOPERATIVES	AGCO
AGRICULTURE ECONOMICS	AGEC
AGRICULTURE ECONOMICS AND EXTENSION	AGEE
AGRICULTURE EDUCATION	AGED
AGRICULTURE EXTENSION	AGEX
AGRICULTURE MECHANIZATION	AGMA
AGRONOMY	AGRO
ANIMAL HUSBANDRY	AGHU
ANIMAL SCIENCE	ANSC
COOPERATIVES	COOP
FARM MACHINERY	FAMA
FORESTRY	FORE
GENERAL AGRICULTURE	GEAG
HORTICULTURE	HORT
IRRIGATION	IRR
MACHINERY DEPARTMENT	MADE
PLANT PROTECTION	PLPR
PLANT SCIENCE	PLSC
SOIL SCIENCE AND IRRIGATION	SSIR
VETERINARY	VETE

NUMBER OF PEOPLE IN EACH FIELD OF STUDY

MAJOR FIELDS OF STUDY	CODE	TOTAL NO. OF PEOPLE
AGRICULTURE COOPERATIVES	(AGCO)	16
AGRICULTURE ECONOMICS	(AGEC)	45
AGRICULTURE EDUCATION	(AGED)	5
AGRICULTURE ECONOMICS AND EXTENSION	(AGEE)	52
AGRICULTURE EXTENSION	(AGEX)	213
AGRICULTURE MECHANIZATION	(AGMA)	1
AGRONOMY	(AGRO)	601
ANIMAL HUSBANDRY	(ANHU)	35
ANIMAL SCIENCE	(ANSC)	38
COOPERATIVES DEPARTMENT	(COOP)	12
FARM MACHINERY	(FAMA)	44
FORESTRY	(FORE)	114
GENERAL AGRICULTURE	(GEAG)	11
HORTICULTURE	(HORT)	38
IRRIGATION	(IRR)	9
PLANT PROTECTION	(PLPR)	70
PLANT SCIENCE	(PLSC)	40
SOIL SCIENCE	(SOSC)	2
SOIL SCIENCE AND IRRIGATION	(SSIR)	4
VETERINARY	(VETE)	33
TOTAL		1383

QUALIFICATION	CODES	TOTAL NO. OF PEOPLE
MASTER OF SCIENCE	(MSC)	18
BACHELOR OF SCIENCE	(BSC)	283
14th GRADE		57
BACCALAUREATE	(BACCA)	547
NO DEGREE	(NODEG)	14
INCOMPLETE	(INC)	411
NO AGRICULTURAL STUDY	(NONE/WE)	53
TOTAL		1383

AUSTRIAN RELIEF COMMITTEE

AGRICULTURAL SKILLS SURVEY 1989

REPORT

Introduction

In late 1988, the Agricultural Subcommittee of the Agency Coordinating Body for Afghan Relief (ACBAR), discussed the difficulties experienced by NGO's in Peshawar in recruiting suitably qualified and experienced Afghan staff for their cross-border agricultural programs. A Task Force was formed to address the problem of the acute shortage of trained manpower among refugees.

The Task Force found that there was a considerable lack of information about how many Afghans had been trained in Afghanistan before the war. In addition, a significant number of trained extension workers and agriculturalists were said to be available within the refugee community in camps located in the NWFP, Baluchistan and the Punjab, but there was little information available about their training needs.

The Austrian Relief Committee (ARC) was nominated to conduct a survey into agricultural skills possessed by refugees in Pakistan.

Survey Objectives

- To assess the level of agricultural education reached by Afghan refugees in Pakistan.
- To assess the types of education received and specializations.
- To assess the level of refugees' agricultural work experience.
- To identify what types of further training are required.

NUMBER OF AGRICULTURALISTS IN REFUGEE CAMPS

CAMP	DISTRICT	NO. OF AGRICULTURALISTS
ABBOT ABAD	HARIPUR	3
AKORA	PESHAWAR II	21
APOZA	HRALAI	2
ASCHARO	KURRAM AGENCY	4
AZAKHEL	PESHAWAR II	36
BADHBER	PESHAWAR I	23
BAGHBANAN	PESHAWAR I	5
BAGHICHA	MARDAN	2
BAICHINA	BAJAUR	2
BAJAUR	BAJAUR	3
BANNU	BANNU	3
BARAIRY	MANSEHRA	7
BARAKI	MARDAN	13
BASUMERA	HARIPUR	1
CHAGHI	CHAGHI	6
CHAKDARA	DIR	8
CHAMAN	CHAMAN	1
CHAPARI	KURRAM AGENCY	1
CHARAT	PESHAWAR II	5
CHARSADA	PESHAWAR II	1
CUTWAI	CHGHI	1
D.I. KHAN	D.I. KHAN	5
DAMADOLA	BAJAUR	1
DARGI	MARDAN	3
DARSAMAND	KOHAT	1
DOABA	KOHAT	1
DURGHAMANDI	NORTH WAZIRISTAN	2
EKKA GHUND	MOHMAND	9
FAZAL	MARDAN	7
GHANDAF	MARDAN	1
GHAZGHIWAL	LORALAI	1
GHAZI	HARIPUR	19
GIRDI JUNGLE	CHAGHI	22
GULISTAN	GULISTAN	2
HADIARA	PISHIN	1
HAJI ABAD	MANSERA	15
HARIPUR	HARIPUR	15
ICHIRAN	MANSEHRA	1
ISLAMABAD	ISLAMABAD	1
JAHANGIR ABAD	BAJAUR	1
JALALA	MARDAN	10
JALOZAI	PESHAWAR II	45
JUNGLE PIRALEZAI	GULISTAN	16
KABABIAN	PESHAWAR I	12
KACHA GARHI	PESHAWAR I	85
KAGAN	MARDAN	6
KAHI	KOHAT	3
KAREZ	LORELAI	5

NUMBER OF AGRICULTURALISTS IN REFUGEE CAMPS
(CONTINUED)

CAMP	DISTRICT	NO. OF AGRICULTURALISTS
KHAKI	MANSEHRA	9
KHAPYANGA	KURRAM AGENCY	17
KHAZANA	PESHAWAR II	12
KHURASAN	PESHAWAR I	16
KICHORI	PESHAWAR II	18
KIRALA	BAJAUR	2
KOGA	SWAT	7
KOHAT	KOHAT	8
KOTKEY/KOTKI	DIR	1
KURRAM AGENCY	KURRAM AGENCY	3
LIJI KARAZ	CHAGHI	22
MALAKAND	MALAKAND	3
MALGAGI	MUSLIM BAGH	1
MANSEHRA	MANSEHRA	4
MARDAN	MARDAN	3
MATANO	KOHAT	2
MATASANGHAR	KURRAM AGENCY	1
MATCHES FACTORY	NORTH WAZIRISTAN	10
MAYAR	DIR	2
MICHENI	PESHAWAR I	8
MIRANSHAH	NORTH WAZIRISTAN	12
MIYAWALI	PUNJAB	21
MOHAMMAD KHEL	QUITTA	21
MOHAMMAD KHEL	NORTH WAZIRISTAN	1
MUNDA	PESHAWAR I	59
MUSKEEN COMP	PESHAWAR I	1
MUZAFFAR KOT	KURRAM AGENCY	1
NAGUMAN	PESHAWAR II	2
MASIR BAGH	PESHAWAR I	91
NAWAGAI	BAJAUR	4
NEW BAGHZAI	KURRAM AGENCY	7
NORTH WAZIRISTAN	NORTH WAZIRISTAN	2
NOWSHERA	PESHAWAR II	6
OBLAN	KOHAT	2
OKAR	CHAGHI	4
OLD BAGHZAI	KURRAM AGENCY	1
PALAI	MALAKAND	4
PANIAN	HARIPUR	19
PARA CHINAR	KURAM AGENCY	2
PESHWAR	PESHAWAR CITY	318
PESHOOK	CHAGHI	1
CITY (CENTER)	QUETTA	48
RASHAKI	BAJAUR	2
SARANAN	GULISTAN	4
SATIN	KURAM AGENCY	3
SHAHJAHAN ABAD	BAJAUR	2

NUMBER OF AGRICULTURALISTS IN REFUGEE CAMPS
(CONTINUED)

CAMP	DISTRICT	NO. OF AGRICULTURALISTS
SHAMSHAATOO	PESHAWAR II	64
SHEIKH ABAD	MANSEHRA	6
SHIN DAND	KOHAT	2
SHIREEN AAB	MANSEHRA	1
SPEENWAM	NORTH WAZIRISTAN	1
SURKHAB	PICHIN	14
TANK	D.I. KHAN	1
TENDO	KURRAM AGENCY	2
THALL	KOHAT	16
TIMER	DIR	4
TOOR	DIR	4
UTMANZAI	PESHAWAR II	4
WARSAK	PESHAWAR I	25
YOUSAF ABAD	BAJAUR	4
ZANDI CAMP	PESHAWAR II	1
ZERI NOOR	SOUTH WAZIRISTAN	8
ZHOB	ZHOB	1
TOTAL		1383

(322 Refugee Camps were surveyed)

Province: BADAKHSHAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
NILL, PAKISTAN	MSC	FORE	0.00	1
Total				1

Province: BAGHLAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	ANSC	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	2
AGRI. COLLEGE, KABUL	BSC	PLPR	0.00	2
AGRI. COLLEGE, KABUL	BSC	ANSC	14.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	8.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	13.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	13.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	5.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	1.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	1.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	10.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	6.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	6
MINISTRY OF AGRI., AGRODE	NONE	AGRO	0.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	4.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	4.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	25.00	1
NILL, NILL	NONE/WE	AGRO	12.00	1
Total				50

Province: BALKH

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	SOSC	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	1
MINISTRY OF AGRI., VETEDE	NONE	VETE	0.00	1
Total				17

Province: BAMYAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	0.33	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	1.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEX	0.00	1
Total				5

Province: FARAH

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGEE	8.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	20.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	20.00	2
Total				4

Province: GHAZNI

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AG.UN., KABUL	MSC	ANHU	2.00	1
AGRI. COLLEGE, KABUL	BSC	FORE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	5.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	1.50	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	15.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	PLPR	3.00	1
AGRI. HIGH SCHOOL, FARYAB	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	HORT	0.00	1
AGRI. HIGH SCHOOL, HERAT	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	HORT	31.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	PLPR	0.25	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGEX	8.00	1
NILL, NILL	NONE/WE	COOP	1.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.00	1
Total				24

Province: HELMAND

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	ANSC	14.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	4
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	PLSC	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, FARAH	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	30.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FORE	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	COOP	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	4
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	COOP	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	18.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FORE	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	COOP	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1

Background

There is a clear understanding among the aid community that any large movement of refugees back to their home villages in Afghanistan without careful preparation, and an increase in food production in particular, will end in a disaster which might take decades to correct. The rehabilitation and reconstruction of agriculture and animal husbandry is an important and vital part of the relief process.

Before 1978, Afghanistan had a well organized structure for agricultural development and more than 300 students graduated each year from technical training colleges. More than 500 students graduated each year from agricultural high schools and institutes of agriculture. (Appendix IV lists the agricultural training which was available in Afghanistan prior to 1978.)

Since 1978, most of Afghanistan's agricultural training institutions have ceased to function. In those that are still operating, the quality of education has suffered a substantial reduction. Furthermore, conscription of all men between the ages of 18 and 35 meant that very few could consider entering higher education. In Pakistan, education for agricultural training for refugees has been virtually non-existent.

Implementation

The Agricultural Skills Survey was carried out by means of a questionnaire in all relevant camps in NWFP, Baluchistan and Punjab, to identify Afghans' level of training and experience in different fields of agriculture, extension work, animal husbandry, forestry and veterinary services.

In addition, voluntary aid agencies involved in agricultural projects were interviewed about the number of their personnel who had been trained, and the various training and employment opportunities available.

A two-week training course for surveyors was held in February, 1989, in cooperation with the Swedish Committee's Agricultural Survey of Afghanistan, which has extensive experience in the field. Fifteen surveyors were selected by ARC and trained in how to carry out the survey.

Survey teams consisted of a team leader and two or three assistants. A total of five teams conducted the survey in the NWFP, Baluchistan, and in the Punjab from April to October, 1989.

Province: HELMAND
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	6.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.40	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	6.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	3.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	20
AGRI. HIGH SCHOOL, HELMAND	NONE	HORT	0.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	3
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	20.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	12.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	31.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	0.00	1
MINISTRY OF AGRI., IRRDE	NONE	IRR	20.00	1
MINISTRY OF AGRI., IRRDE	NONE	IRR	0.00	2
NILL, NILL	NONE/WE	IRR	10.00	1
NILL, NILL	NONE/WE	AGRO	1.00	1
Total				120

Province: HERAT

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	0.75	1
Total				1

Province: JOZJAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGEX	0.00	1
NILL, IRAN	NO DEGREE	IRR	0.00	1
Total				3

Province: KABUL

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	16.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	3.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	2.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	12.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	5.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	15.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	15.00	1
AGRI. COLLEGE, KABUL	BSC	AGEC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	2
AGRI. COLLEGE, KABUL	BSC	AGEE	12.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	8.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	6.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	1.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1

Province: KABUL
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	ANSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	3
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	2
AGRI. COLLEGE, KABUL	NONE	HORT	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	3
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.50	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	1.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGEC	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	1.00	1
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	3
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	20.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	16.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	13.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	17.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	19.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGEX	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	4.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	3
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	5.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	VETE	15.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	0.00	1
AGRI. INSTITUTE, KABUL	NONE	FORE	0.00	3
MINISTRY OF AGRI., AGRODE	NONE	AGRO	2.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	13.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	2.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	4.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	5.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	1.00	1
MINISTRY OF AGRI., HORTDE	NONE	HORT	16.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	0.00	1
NILL, BULGARIA	NO DEGREE	PLPR	3.00	1

Province: KABUL
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
NILL, BULGARIA	NO DEGREE	FAMA	5.00	1
NILL, NILL	NONE/WE	AGRO	2.00	1
NILL, NILL	NONE/WE	AGRO	1.00	1
NILL, NILL	NONE/WE	FORE	1.50	1
NILL, USSR	MSC	FORE	14.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.00	2
VETE. MED. COLLEGE, KABUL	NONE	VETE	0.00	2
Total				125

Province: KANDAHAR

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	BSC	ANSC	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	5.00	1
AGRI. COLLEGE, KABUL	BSC	SSIR	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGEC	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARAH	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	20.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	17.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	HORT	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	18.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	COOP	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	HORT	0.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	3.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	2.00	1
AGRI. UNIV. OF TEHRAN, IRAN	MSC	AGEX	18.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	2.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	4.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	10.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	0.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	1.00	1
NILL, NILL	NONE/WE	AGEX	5.00	1
NILL, USSR	MSC	ANHU	3.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.00	1
Total				39

Province: KAPISA

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	ANHU	1.00	1
Total				6

Province: KONAR

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGED	1.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	5
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	3
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	4.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	NONE	PLSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	4
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEC	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	ANHU	0.50	2
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	16.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	14.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	HORT	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	6.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, HERAT	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	18.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	15.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	10.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	10.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	7.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	8.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	3.00	1
MINISTRY OF AGRI., ANHUDE	NONE	ANHU	0.00	1

Province: KONAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
MINISTRY OF AGRI., COOPDE	NONE	COOP	6.00	1
MINISTRY OF AGRI., COOPDE	NONE	COOP	1.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	15.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	13.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	2.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	5.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	10.00	1
MINISTRY OF AGRI., KONPR	NONE	FORE	10.00	1
MINISTRY OF AGRI., KONPR	NONE	FORE	7.00	1
MINISTRY OF AGRI., KONPR	NONE	AGEX	15.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	4.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	0.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	0.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	14.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	15.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	6.00	1
NILL, BULGARIA	NO DEGREE	FAMA	0.00	1
NILL, NILL	NONE/WE	AGEX	2.00	2
NILL, NILL	NONE/WE	AGRO	3.00	1
NILL, NILL	NONE/WE	AGRO	7.00	2
NILL, NILL	NONE/WE	FORE	8.00	1
NILL, NILL	NONE/WE	AGEX	4.00	1
NILL, NILL	NONE/WE	PLPR	6.00	1
NILL, NILL	NONE/WE	AGEX	12.00	1

Total 95

The BBC Pushto and Farsi Radio Service was informed of camp visits and broadcast the schedule, explaining the procedure and goals of the survey. Since most of the refugees listen to the BBC, their cooperation was valuable in the implementation of the survey.

In order to conduct the survey in a given district, the team leader acquired a Letter of Permission from the district administrator. Notification of the survey was advertised locally in the bazaars and mosques one or two days prior to the start of work. Each agriculturalist was interviewed directly by a member of the team and a questionnaire was completed (see Appendix I).

Findings

A total of 1,383 persons were interviewed from a total of 322 refugee camps in Pakistan. All of the interviewees had some previous agricultural training or experience in Afghanistan. The majority of interviewees (86%) lived in the NWFP, of which 23% lived in Peshawar. The number of interviewees living in Quetta and Punjab provinces were 12.5% and 1.4% respectively.

The largest group of agriculturalists (34%) came from Nangarhar province, while 9% of those surveyed came from Kabul province, 9% from Helmand and 8.5% from Paktia. The smallest groups were from Badkhashan and Herat provinces. (For more information please see Appendix II.)

The work experience of interviewees ranged from one to thirty-one years. Eighty percent of those interviewed had worked less than five years in Afghanistan before fleeing into neighbouring Pakistan. (A summary of where Afghan agriculturalists are employed in Peshawar is to be found in Appendix III.)

The majority of respondents had completed 12th grade in high school. Twenty-seven percent of those surveyed had graduated from special agriculture and veterinary colleges. A total of 411 people reported that they were unable to complete their agricultural education due to the war. Out of the total 1,383 respondents surveyed, only 18 had received their Master of Science degrees. (A description of Afghan agricultural training institutions and the courses offered may be found in Appendix IV.)

The survey found that people who had received their Master of Science degree were all working in the agricultural field for different organizations. Those who had less educational training, however, were seldom employed in agricultural work in Pakistan.

Province: KUNDUZ

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	5.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	10.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	7.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	12.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	10.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	5
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	5.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FAMA	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	17.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	1.00	1
MINISTRY OF AGRI., VETEDE	NONE	VETE	1.00	1
NILL, NILL	NONE/WE	AGEX	3.00	1
NILL, NILL	NONE/WE	AGEX	4.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.00	2

Total 32

Province: LAGHMAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	17.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	6.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGED	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	2
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	6.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	8.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLPR	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	3.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	1.50	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	HORT	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	2.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	6
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	12.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	6.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	4
AGRI. HIGH SCHOOL, BALKH	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, FARAH	BACCA	PLPR	0.00	2
AGRI. HIGH SCHOOL, FARAH	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	13.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	8.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	11.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FAMA	12.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	16.00	1

Province: LAGHMAN
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	4.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	5
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGEC	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	HORT	5.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	0.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	15.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	14.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	4.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	0.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	6.00	1
NILL, BULGARIA	NO DEGREE	FAMA	0.00	1
NILL, BULGARIA	NO DEGREE	FAMA	2.00	1
NILL, NILL	NONE/WE	AGEX	22.00	1
NILL, NILL	NONE/WE	AGEX	15.00	1
NILL, NILL	NONE/WE	FORE	9.00	1
VETE. HIGH SCHOOL, KABUL	BACCA	VETE	0.00	1
Total				96

Province: LOGAR

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGEE	10.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	2.00	2
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	FORE	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	14.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	12.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	2.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	4.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	5.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	10.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGMA	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	2
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	3.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	5.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	4
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	3.00	2
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	7.00	1
AGRI. HIGH SCHOOL, BAGHLAN	NONE	HORT	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	26.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1

Province: LOGAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	14.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	12.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	6.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	NONE	FAMA	0.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	14.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	23.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	18.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	4.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	3.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	3.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	VETE	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	VETE	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	4.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	2.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGEC	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	15.00	1
AGRI. INSTITUTE, KABUL	NONE	VETE	0.00	1
AGRI. INSTITUTE, KABUL	NONE	AGRI	0.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	5.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	3.00	1
MINISTRY OF AGRI., COOPDE	NONE	COOP	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	7.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	28.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	7.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	8.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	2.00	1
MINISTRY OF AGRI., VETEDE	NONE	VETE	0.00	1
NILL, BULGARIA	NO DEGREE	FAMA	1.00	1
NILL, NILL	NONE/WE	AGRO	4.00	1
VETE. HIGH SCHOOL, KABUL	BACCA	VETE	14.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	1.00	1
Total				105

Province: NANGARHAR

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	21.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	BSC	AGEE	0.25	1
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	2
AGRI. COLLEGE, KABUL	BSC	AGRO	6.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	10.00	1
AGRI. COLLEGE, KABUL	BSC	SSIR	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	13.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	4.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.25	1
AGRI. COLLEGE, KABUL	BSC	AGEE	3.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	0.25	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	8.00	1
AGRI. COLLEGE, KABUL	BSC	AGED	0.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	11.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	15.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.25	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.50	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	3
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1
AGRI. COLLEGE, KABUL	NONE	HORT	1.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	2.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	ANSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	2
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	4.00	1
AGRI. COLLEGE, KABUL	NONE	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	4.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	4.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	1.00	1

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	4.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	3.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	HORT	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	3
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	4.00	1
AGRI. COLLEGE, NANGARHAR	BSC	FORE	2.00	1
AGRI. COLLEGE, NANGARHAR	BSC	ANSC	0.00	2
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	14.00	1
AGRI. COLLEGE, NANGARHAR	BSC	FORE	1.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	12
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	4.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	3
AGRI. COLLEGE, NANGARHAR	NONE	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	3
AGRI. COLLEGE, NANGARHAR	NONE	HORT	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	13
AGRI. COLLEGE, NANGARHAR	NONE	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	1.50	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	HORT	2.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	PLPR	12.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, BAGHLAN	NONE	AGRO	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, FARAH	BACCA	PLPR	0.75	1
AGRI. HIGH SCHOOL, FARAH	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, FARAH	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARAH	NONE	AGEC	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	7.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	HORT	0.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	8.00	2
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	11.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	2.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	7.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FORE	14.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	ANHU	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	9.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	14.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	3.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	15.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	12.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	PLPR	8.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	14.00	1
AGRI. HIGH SCHOOL, HELMAND	NONE	AGRO	0.00	3
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	0.00	1

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	26.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	FORE	13.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	FORE	18.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGEX	26.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	26.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	27.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	5.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	HORT	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	4.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	SOSC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	5.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	3
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	2.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FORE	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	6.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	4.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	1.50	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	10.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	5
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	2

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	1.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	3
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	12
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	11
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	1.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	10.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	1.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	2
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	10.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	4.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	PLPR	3.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	4
AGRI. HIGH SCHOOL, NANGARHAR	NONE	ANHU	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	4
AGRI. HIGH SCHOOL, NANGARHAR	NONE	FAMA	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	6
AGRI. HIGH SCHOOL, NANGARHAR	NONE	PLPR	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	NONE	AGRO	0.00	8
AGRI. HIGH SCHOOL, NANGARHAR	NONE	FORE	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	1

The majority of Afghans interviewed (43.5%) were involved in the field of agronomy, while smaller numbers had worked in agricultural extension (15%) and forestry (8%).

Conclusions

The Agricultural Skills Survey shows that the lack of recent training or experience is a grave problem among the refugee population residing in Pakistan. The Soviet war interrupted studies in agronomy, horticulture, irrigation science, agricultural economics, farm mechanization, cooperative farm practices, veterinary and animal husbandry studies, soil science and other fields. The vast majority of skilled refugees have been unable to practice their occupation for the last ten years. Therefore most of them are in need of refresher courses or of upgrading the education which they have received.

The Survey also forms a body of information that can be used by the ACBAR Agricultural Subcommittee, other non-governmental organizations (NGO's), and the UN network to analyze the agricultural needs of a particular region in Afghanistan.

The Survey findings have been extremely useful to ARC in the formulation of its proposed Agricultural Training Program for Afghanistan, to be located in Peshawar. ARC hoped to implement the Training Program in late 1989, with funding from UNDP, UNOCA and the Canadian High Commission.

Training Opportunities Among NGO's

Agricultural training courses are already offered by some voluntary organizations in Pakistan: the Dutch Committee and the German Afghanistan Foundation offer specialist courses in veterinary medicine; ISRA (Islamic Relief Agency) runs a seven-month agricultural course which includes plant protection, soil science, horticulture and agronomy; the Swedish Committee has been offering short-term (two month) specialist courses in plant protection, and has recently started a similar course in horticulture.

Other organizations that offer training courses: Save The Children (U.K.) has administered two fifteen-day courses for Afghanaid in statistics for agricultural field staff; VITA runs general agriculture courses for their own field officers; and the International Rescue Committee (IRC) offers a two-month plant protection course for field staff.

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	3.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	1.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	12.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	7.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	9.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	HORT	4.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGEX	4.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	VETE	0.00	2
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGCO	0.00	1
AGRI. INSTITUTE, KABUL	NONE	AGRI	0.00	1
AGRI. INSTITUTE, KABUL	NONE	FORE	0.00	1
AGRI. UNIV. OF TAJEKIS, USSR	MSC	AGRO	2.00	1
AGRICUL. UNIVER. OF VI, AUSTRIA	MSC	AGRO	5.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	14.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	1.50	1
MINISTRY OF AGRI., ANHUDE	NONE	ANHU	8.00	1
MINISTRY OF AGRI., COOPDE	NONE	COOP	8.00	1
MINISTRY OF AGRI., COOPDE	NONE	COOP	15.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	15.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	18.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	10.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	3.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	16.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	9.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	16.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	23.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	9.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	10.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	7.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	16.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	9.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	13.00	2
MINISTRY OF AGRI., EXDE	NONE	AGEX	20.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	3.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	5.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	8.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	22.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	6.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	8.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	20.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	13.00	1
MINISTRY OF AGRI., HORTDE	NONE	HORT	10.00	1
MINISTRY OF AGRI., IRRDE	NONE	IRR	10.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	20.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	1.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	3.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	5.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	3.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	AGRO	2.00	1

Province: NANGARHAR
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	7.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	PLPR	13.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FAMA	20.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	AGEX	14.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	AGEX	10.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	AGRO	2.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	HORT	6.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	HORT	18.00	1
MINISTRY OF AGRI., NANGARHAR	NONE	FORE	2.00	1
MINISTRY OF AGRI., VETEDE	NONE	VETE	0.00	1
NILL, BULGARIA	NONDEGREE	FAMA	1.00	1
NILL, BULGARIA	NONDEGREE	ANHU	0.00	1
NILL, BULGARIA	NONDEGREE	FAMA	0.00	1
NILL, BULGARIA	NONDEGREE	FAMA	1.00	1
NILL, BULGARIA	NONDEGREE	FAMA	2.00	2
NILL, INDIA	MSC	AGRO	24.00	1
NILL, INDIA	MSC	AGRO	31.00	1
NILL, NILL	MSC	AGRO	0.00	1
NILL, NILL	NONE/WE	FORE	2.00	2
NILL, NILL	NONE/WE	FORE	4.00	1
NILL, NILL	NONE/WE	COOP	4.00	1
NILL, NILL	NONE/WE	FORE	10.00	1
NILL, NILL	NONE/WE	AGRO	3.00	1
NILL, NILL	NONE/WE	AGRO	13.00	1
NILL, NILL	NONE/WE	AGEX	6.00	2
NILL, NILL	NONE/WE	FORE	2.00	1
NILL, NILL	NONE/WE	FORE	6.00	1
NILL, NILL	NONE/WE	AGRO	2.00	1
NILL, NILL	NONE/WE	FORE	2.00	1
NILL, NILL	NONE/WE	FAMA	13.00	1
NILL, NILL	NONE/WE	AGEX	15.00	1
NILL, NILL	NONE/WE	AGEX	2.00	1
NILL, NILL	NONE/WE	AGEX	12.00	1
NILL, NILL	NONE/WE	FORE	4.00	1
NILL, NILL	NONE/WE	IRR	15.00	1
NILL, NILL	NONE/WE	AGRO	1.00	1
NILL, NILL	NONE/WE	AGEX	7.00	1
NILL, PAKTIA	MSC	AGRO	3.00	1
NILL, USSR	MSC	AGRO	10.00	1
NILL, USSR	MSC	AGRO	0.00	1
NILL, USSR	MSC	HORT	10.00	1
VETE. HIGH SCHOOL, KABUL	BACCA	VETE	4.00	1
VETE. HIGH SCHOOL, KABUL	BACCA	VETE	13.00	2
VETE. MED. COLLEGE, KABUL	BSC	VETE	9.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	4.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.25	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	2.00	1
VETE. MED. COLLEGE, KABUL	NONE	VETE	0.00	1
VETE. MED. COLLEGE, KABUL	NONE	VETE	2.00	1
Total				470

Province: PAKTIA

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	7.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	BSC	HORT	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLPR	3.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	1.50	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLPR	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGEE	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGEC	0.00	1
AGRI. COLLEGE, NANGARHAR	BSC	AGRO	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	14.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	8.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	7.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	9.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	6.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	FORE	4.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	FAMA	2.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FAMA	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	16.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	11.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	20.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	18.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	21.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	19.00	2
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	14.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGRO	12.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	FORE	3.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	16.00	1
AGRI. HIGH SCHOOL, KABUL	BACCA	AGRO	18.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRI	0.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	AGRO	8.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	14.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	8.00	1
AGRI. INSTITUTE, KABUL	14TH GRADE	FORE	4.00	3
AGRI. INSTITUTE, KABUL	NONE	FORE	4.00	1
AGRI. UNIVER. OF DI, PAKISTAN	MSC	AGRO	3.00	1
MINISTRY OF AGRI., AGEXDE	NONE	AGEX	1.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	1.00	1
MINISTRY OF AGRI., AGRODE	NONE	AGRO	6.00	1
MINISTRY OF AGRI., COOPDE	NONE	COOP	4.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	20.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	17.00	1

Province: PAKTIA
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	18.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	5.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	18.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	16.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	8.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	5.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	1.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	3.00	2
MINISTRY OF AGRI., EXDE	NONE	AGEX	18.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	3.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	4.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	12.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	2.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	4.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	17.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	22.00	2
MINISTRY OF AGRI., EXDE	NONE	AGEX	1.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	7.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	8.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	6.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	1.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	6.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	8.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	6.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	15.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	4.00	1
MINISTRY OF AGRI., FOREDE	NONE	FORE	3.00	1
MINISTRY OF AGRI., IRRDE	NONE	IRR	3.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	4.00	1
MINISTRY OF AGRI., MADE	NONE	FAMA	0.00	1
MINISTRY OF AGRI., PAKDE	NONE	FORE	2.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGEX	22.00	1
MINISTRY OF AGRI., PAKPR	NONE	PLPR	1.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	1.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGRO	4.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	12.00	1
MINISTRY OF AGRI., PAKPR	NONE	HORT	20.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGEX	24.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGEX	22.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGRO	20.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	5.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	11.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	0.50	1
MINISTRY OF AGRI., PAKPR	NONE	AGRO	2.00	1
MINISTRY OF AGRI., PAKPR	NONE	AGRO	14.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	5.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	2.00	1
MINISTRY OF AGRI., PLPRDE	NONE	PLPR	0.00	1
NILL, GERMANY	MSC	AGRO	15.00	1

Province: PAKTIA
Continued

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
NILL, NILL	NONE/WE	FORE	2.00	1
NILL, NILL	NONE/WE	FORE	5.00	1
NILL, NILL	NONE/WE	FORE	1.00	2
NILL, NILL	NONE/WE	FORE	2.00	1
[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	AGRO	0.00	1
VETE. HIGH SCHOOL, KABUL	BACCA	VETE	17.00	1
VETE. MED. COLLEGE, KABUL	BSC	VETE	0.00	1
Total				117

Province: PAKTIKA

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	8.00	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	15.00	2
AGRI. HIGH SCHOOL, GULZAR	BACCA	FORE	0.00	1
MINISTRY OF AGRI., EXDE	NONE	AGEX	7.00	1
MINISTRY OF AGRI., PAKDE	NONE	FORE	5.00	1
MINISTRY OF AGRI., PAKPR	NONE	FORE	6.00	1
Total				7

Province: PARWAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	7.00	1
AGRI. COLLEGE, KABUL	BSC	ANSC	1.05	1
AGRI. COLLEGE, KABUL	BSC	AGEE	2.00	1
AGRI. COLLEGE, KABUL	BSC	AGED	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	0.25	1
AGRI: COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. COLLEGE, KABUL	NONE	ANSC	0.00	1
AGRI. COLLEGE, NANGARHAR	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	8.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	6.00	2
AGRI. HIGH SCHOOL, BALKH	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, FARYAB	BACCA	FAMA	0.50	1
AGRI. HIGH SCHOOL, GULZAR	BACCA	AGEX	13.00	2
VETE. MED. COLLEGE, KABUL	BSC	VETE	1.00	1
Total				19

Province: SAMANGAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	ANSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGEC	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, BALKH	BACCA	ANHU	0.00	1
NILL,. NILL	NONE/WE	IRR	2.00	1
Total				6

Province: TAKHAR

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	14.00	1
AGRI. COLLEGE, KABUL	BSC	SSIR	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGEX	4.00	1
AGRI. HIGH SCHOOL, FARYAB	NONE	AGEC	0.00	1
Total				4

Province: URUZGAN

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HELMAND	BACCA	AGEX	1.00	1
Total				2

The number of trained agriculturalists working in the aid community is small. The Survey identified a total of 273 trained agriculturalists working for NGO's, UNHCR, and for political parties in Peshawar (please see Appendix III).

Most refugees with agricultural backgrounds have not received sufficient training or gained enough recent experience to be of any use to NGO's. Many have therefore had to find work outside their field, and find other jobs to suppport their families.

Agricultural Training Program for Afghanistan

The Austrian Relief Committee was nominated by the Agriculture Subcommittee of ACBAR early in 1989 to set up an Agriculture Training Program to meet the need for improved agricultural training in Peshawar. NGO's have severe difficulties in finding suitably qualified Afghan staff to implement their cross-border programs in Afghanistan. Moreover, the short-term training opportunities that exist among NGO's are not sufficient to meet the rehabilitation needs of Afghanistan at present. A permanent Agricultural Training Program would begin to address the long-term needs of agricultural development.

Courses of five and ten month duration are proposed by the Training Program, both of which would comprise a large amount of extension work. A flexible approach is planned whereby the needs of individual NGO's are be taken into account and joint planning for specific courses would be possible.

The Training Program would serve Afghans who have received some agricultural education and graduates of regular high schools, with courses in agronomy, horticulture, agricultural mechanization, animal husbandry and veterinary studies, and management and administration.

The field surveyors, agricultural advisors and administrative staff at ARC, in addition to the members of the ACBAR Agriculture Subcommittee, all hope to see the Survey information used effectively to improve the quality of training available to Afghan agriculturalists.

Province: WARDAK

INSTITUTE	QUALIF.	MAJOR FIELD	EXPER.	NO.
AGRI. COLLEGE, KABUL	BSC	AGRO	0.00	2
AGRI. COLLEGE, KABUL	BSC	AGRO	4.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	7.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	6.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	14.00	1
AGRI. COLLEGE, KABUL	BSC	AGRO	8.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	0.00	1
AGRI. COLLEGE, KABUL	BSC	SSIR	0.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	0.00	1
AGRI. COLLEGE, KABUL	BSC	PLSC	5.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	11.00	1
AGRI. COLLEGE, KABUL	BSC	AGEE	1.00	1
AGRI. COLLEGE, KABUL	BSC	AGED	10.00	1
AGRI. COLLEGE, KABUL	BSC	HORT	3.00	1
AGRI. COLLEGE, KABUL	NONE	HORT	0.00	1
AGRI. COLLEGE, KABUL	NONE	PLSC	0.00	1
AGRI. COLLEGE, KABUL	NONE	AGRO	0.00	4
AGRI. COLLEGE, NANGARHAR	BSC	FORE	0.00	1
AGRI. HIGH SCHOOL, BAGHLAN	BACCA	HORT	4.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGEX	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	PLPR	0.00	1
AGRI. HIGH SCHOOL, HERAT	BACCA	AGRO	0.00	1
AGRI. HIGH SCHOOL, HERAT	NONE	AGRO	0.00	1
AGRI. HIGH SCHOOL, NANGARHAR	BACCA	AGEX	0.30	2
MINISTRY OF AGRI., FOREDE	NONE	FORE	13.00	1
NILL, BULGARIA	NONDEGREE	FAMA	10.00	1
NILL, NILL	NONE/WE	AGRO	1.50	1
NILL, NILL	NONE/WE	AGRO	10.00	1
NILL, USSR	MSC	AGEX	15.00	1
Total				35

APPENDIX I

AGRICULTURAL SKILLS SURVEY QUESTIONNAIRE

APPENDIX I

SURVEY OF
TRAINED AFGHAN AGRICULTURAL MANPOWER IN PAKISTAN

Organization conducting survey:

Data survey conducted:

1. **PERSONAL DATA**

Name:

Address in Pakistan:

Province/District:

2. **EDUCATION LABEL**

Master and/or higher degree ....______
Faculty of Agriculture Graduate ....______
Agricultural High School Graduate ....______
Agricultural Extension Agent ....______

Faculty of Veterinarian Medicine ....______
Institute of Veterinarian Medicine ....______
High School of Veterinarian Medicine ....______

Others (foreign education) ....______
Incomplete Studies ....______

3. **TRAINING/SPECIALIZATION IN**

Agronomy ....______
Irrigation ....______
Farm Machinery ....______
Plant Protection ....______
Horticulture ....______
Forestry ....______
Soil Science ....______
Other (specify)..................________________________

4. **LANGUAGES**

Farsi	Pushtu	English
reading..._____	reading..._____	reading..._____
spoken...._____	spoken...._____	spoken...._____

Other Language (specify) ________________
reading..._____
spoken...._____

5. **AGRICULTURAL WORK EXPERIENCE IN AFGHANISTAN**

Total number of years experience:
Last position:
Type of work of last position:

Last Employer:

Location:

6. **AGRICULTURAL WORK EXPERIENCE IN PAKISTAN**

Total number of years experience:
Last position:
Type of work of last position:

Last Employer:

Location:

7. **PRESENT OCCUPATION**

Total number of years experience:
Current position:
Type of work:

Current employer:

Address of employer:

8. **REMARKS**

APPENDIX II

LIST OF AGRICULTURALISTS BY PROVINCE

ARC

Austrian Relief Committee
for Afghan Refugees

AGRICULTURAL SKILLS SURVEY REPORT

April 1990

Peshawar Pakistan

ARC Austrian Relief Committee for Afghan Refugees
دافغانی مهاجرو دپاره
داطریش د مرستو کمیته
PO Box 489 GPO, Peshawar, Pakistan
80 D Park Road, University Town, Peshawar
Tel : 42592,42584

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The Swedish Committee for Afghanistan and the Agricultural Survey of Afghanistan for their invaluable technical and training support;

The BBC Pushto Service for broadcasting information on the Survey to refugees;

The non-governmental relief organizations we interviewed about their training programs;

and finally the Afghan refugees who took the time to respond to our questions.

Respectfully,

AQSamin

Prof. Abdul Qahar Samin, Ph.D.
Agricultural Training Project Manager

March 1990

AUSTRIAN RELIEF COMMITTEE

AGRICULTURAL SKILLS SURVEY REPORT 1989

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